Table 1: Pin-on-plate test conditions:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Pin diameter [mm] | Load [N] | Stress [MPa] | Non-dimensional stress (P/E) [--] | Stroke length [mm] | Rotation angle [degrees] | CS | Test period [weeks] |
| 5 | 80 | 4 | 0.007 | 28 | ±30 | 0.087 | 3 |
| 5 | 216 | 11 | 0.020 | 28 | ±30 | 0.087 | 3 |
| 4 | 252 | 20 | 0.036 | 28 | ±30 | 0.087 | 3 |
| 3 | 212 | 30 | 0.054 | 28 | ±30 | 0.087 | 3 |
| 3 | 283 | 40 | 0.071 | 28 | ±30 | 0.087 | 3 |
| 2 | 252 | 80 | 0.143 | 28 | ±30 | 0.087 | 3 |
| 5 | 216 | 11 | 0.020 | 28 | 0 | 0.0 | 2 |
| 5 | 216 | 11 | 0.020 | 10 | ±10 | 0.01 | 2 |
| 5 | 216 | 11 | 0.020 | 12 | ±15 | 0.022 | 2 |
| 5 | 216 | 11 | 0.020 | 26 | ±45 | 0.18 | 2 |
| 5 | 80 | 4 | 0.007 | 10 | ±10 | 0.01 | 2 |
| 2 | 252 | 80 | 0.143 | 10 | ±10 | 0.01 | 2 |
| 4 | 252 | 20 | 0.036 | 12 | ±15 | 0.022 | 2 |
| 4 | 252 | 20 | 0.054 | 12 | ±15 | 0.022 | 2 |